

Rabbit anti-Human, mouse BAIAP2 Polyclonal Antibody | anti-BAIAP2 antibody

BAIAP2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289493	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

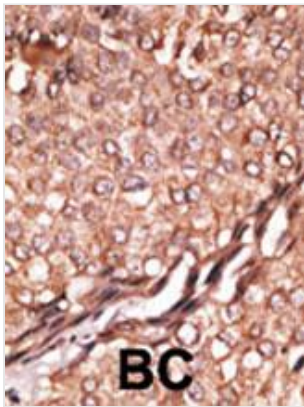
PRODUCT SYNONYMS

BAIAP2; Polyclonal Antibody; BAIAP2 Antibody (C-term); Brain-specific angiogenesis inhibitor 1-associated protein 2; BAI-associated protein 2; BAI1-associated protein 2; Protein BAP2; Fas ligand-associated factor 3; FLAF3; Insulin receptor substrate p53/p58; IRS-58; IRSp53/58; Insulin receptor substrate protein of 53 kDa; IRSp53; Insulin receptor substrate p53; anti-BAIAP2 antibody

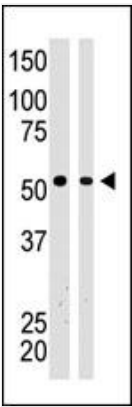
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BAIAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 492-518 amino acids from the C-terminal region of human BAIAP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	492-518
Sequence Length	522
Applicable Applications for anti-BAIAP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-BAIAP2 Pab is used in Western blot to detect BAIAP2 in mouse brain tissue lysate (Lane 1) and A375 cell lysate (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-BAIAP2 antibody	BAIAP2, a target of p53, has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This interaction at the cytoplasmic membrane is crucial to the function of this protein, which may be involved in neuronal growth-cone guidance. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis.
Product Categories/Family for anti-BAIAP2 antibody	Neuroscience
References	Fujiwara, T., et al., Biochem. Biophys. Res. Commun. 271(3):626-629 (2000). Abbott, M.A., et al., J. Neurosci. 19(17):7300-7308 (1999). Okamura-Oho, Y., et al., Hum. Mol. Genet. 8(6):947-957 (1999). Oda, K., et al., Cytogenet. Cell Genet. 84 (1-2), 75-82 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080100
NCBI GeneID	10458
NCBI Accession #	NP_001138360.1; NP_006331.1; NP_059344.1; NP_059345.1
NCBI GenBank Nucleotide #	NM_001144888.1
UniProt Accession #	Q9UQB8; O43858; Q53HB1; Q86WC1; Q8N5C0; Q96CR7; Q9UBR3; Q9UQ43
Molecular Weight	60868
NCBI Official Full Name	brain-specific angiogenesis inhibitor 1-associated protein 2 isoform 4
NCBI Official Synonym Full Names	BAI1-associated protein 2
NCBI Official Symbol	BAIAP2
NCBI Official Synonym Symbols	BAP2; FLAF3; IRSP53
NCBI Protein Information	brain-specific angiogenesis inhibitor 1-associated protein 2
UniProt Protein Name	Brain-specific angiogenesis inhibitor 1-associated protein 2

UniProt Gene Name	BAIAP2
UniProt Synonym Gene Names	BAI-associated protein 2; BAI1-associated protein 2; Protein BAP2; FLAF3; IRS-58; IRSp53/58; IRSp53; Insulin receptor substrate p53
UniProt Entry Name	BAIP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/baiap2-antibody-immunohistochemistry-western-blot-elisa/289493>